

Amendment to the Claims:

Please cancel claims 2-7, 9-12, 14, 16, 21 and 23 without prejudice or disclaimer, and add the following new claims.

Claim 1: (original): An isolated nucleic acid molecule comprising a polynucleotide having a nucleotide sequence at least 95% identical to a sequence selected from the group consisting of:

- (a) a polynucleotide fragment of SEQ ID NO:X or a polynucleotide fragment of the cDNA sequence included in ATCC Deposit No:Z, which is hybridizable to SEQ ID NO:X;
- (b) a polynucleotide encoding a polypeptide fragment of SEQ ID NO:Y or a polypeptide fragment encoded by the cDNA sequence included in ATCC Deposit No:Z, which is hybridizable to SEQ ID NO:X;
- (c) a polynucleotide encoding a polypeptide domain of SEQ ID NO:Y or a polypeptide domain encoded by the cDNA sequence included in ATCC Deposit No:Z, which is hybridizable to SEQ ID NO:X;
- (d) a polynucleotide encoding a polypeptide epitope of SEQ ID NO:Y or a polypeptide epitope encoded by the cDNA sequence included in ATCC Deposit No:Z, which is hybridizable to SEQ ID NO:X;
- (e) a polynucleotide encoding a polypeptide of SEQ ID NO:Y or the cDNA sequence included in ATCC Deposit No:Z, which is hybridizable to SEQ ID NO:X, having biological activity;
- (f) a polynucleotide which is a variant of SEQ ID NO:X;
- (g) a polynucleotide which is an allelic variant of SEQ ID NO:X;
- (h) a polynucleotide which encodes a species homologue of the SEQ ID NO:Y;
- (i) a polynucleotide capable of hybridizing under stringent conditions to any one of the polynucleotides specified in (a)-(h), wherein said polynucleotide does not hybridize under stringent conditions to a nucleic acid molecule having a nucleotide sequence of only A residues or of only T residues.

Claims 2-7 (canceled)

Claim 8: (original): A method of making a recombinant host cell comprising the isolated nucleic acid molecule of claim 1.

Claims 9-12 (canceled)

Claim 13: (original): An isolated antibody that binds specifically to the isolated polypeptide of claim 11.

Claim 14 (canceled)

Claim 15: (original): A method of making an isolated polypeptide comprising:

- (a) culturing the recombinant host cell of claim 14 under conditions such that said polypeptide is expressed; and
- (b) recovering said polypeptide.

Claim 16 (canceled)

Claim 17: (original): A method for preventing, treating, or ameliorating a medical condition, comprising administering to a mammalian subject a therapeutically effective amount of the polypeptide of claim 11.

Claim 18: (original): A method of diagnosing a pathological condition or a susceptibility to a pathological condition in a subject comprising:

- (a) determining the presence or absence of a mutation in the polynucleotide of claim 1; and
- (b) diagnosing a pathological condition or a susceptibility to a pathological condition based on the presence or absence of said mutation.

Claim 19: (original): A method of diagnosing a pathological condition or a susceptibility to a pathological condition in a subject comprising:

- (a) determining the presence or amount of expression of the polypeptide of claim 11 in a biological sample; and
- (b) diagnosing a pathological condition or a susceptibility to a pathological condition based on the presence or amount of expression of the polypeptide.

Claim 20: (original): A method for identifying a binding partner to the polypeptide of claim 11 comprising:

- (a) contacting the polypeptide of claim 11 with a binding partner; and
- (b) determining whether the binding partner effects an activity of the polypeptide.

Claim 21 (canceled)

Claim 22: (original): A method of identifying an activity in a biological assay, wherein the method comprises:

- (a) expressing SEQ ID NO:X in a cell;
- (b) isolating the supernatant;
- (c) detecting an activity in a biological assay; and
- (d) identifying the protein in the supernatant having the activity.

Claim 23 (canceled)

Claim 24: (new): An isolated protein comprising amino acid residues 25 to 43 of SEQ ID NO:764.

Claim 25: (new): The isolated protein of claim 24 which comprises amino acid residues 2 to 43 of SEQ ID NO:764.

Claim 26: (new): The isolated protein of claim 24 which comprises amino acid residues 1 to 43 of SEQ ID NO:764.

Claim 27: (new): The protein of claim 24 which comprises a heterologous polypeptide sequence.

Claim 28: (new): A composition comprising the protein of claim 24 and a carrier.

Claim 29: (new): An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 24 by a cell; and
- (b) recovering said protein.

Claim 30: (new): An isolated protein comprising the amino acid sequence of the secreted portion of the polypeptide encoded by the HLYEU59 cDNA contained in ATCC Deposit No. 203957.

Claim 31: (new): The isolated protein of claim 30 which comprises the amino acid sequence of the complete polypeptide encoded by the HLYEU59 cDNA contained in ATCC Deposit No. 203957, excepting the N-terminal methionine.

Claim 32: (new): The isolated protein of claim 30 which comprises the amino acid sequence of the complete polypeptide encoded by the HLYEU59 cDNA contained in ATCC Deposit No. 203957.

Claim 33: (new): The protein of claim 30 which comprises a heterologous polypeptide sequence.

Claim 34: (new): A composition comprising the protein of claim 30 and a carrier.

Claim 35: (new): An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 30 by a cell; and
- (b) recovering said protein.

Claim 36: (new): An isolated protein comprising a polypeptide sequence which is at least 90% identical to amino acid residues 25 to 43 of SEQ ID NO:764.

Claim 37: (new): The isolated protein of claim 36 wherein said polypeptide sequence is at least 90% identical to amino acid residues 1 to 43 of SEQ ID NO:764.

Claim 38: (new): The isolated protein of claim 36 wherein said polypeptide sequence is at least 95% identical to amino acid residues 25 to 43 of SEQ ID NO:764.

Claim 39: (new): The isolated protein of claim 36 wherein said polypeptide sequence is at least 95% identical to amino acid residues 1 to 43 of SEQ ID NO:764.

Claim 40: (new): The protein of claim 36 which comprises a heterologous polypeptide sequence.

Claim 41: (new): A composition comprising the protein of claim 36 and a carrier.

Claim 42: (new): An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 36 by a cell; and
- (b) recovering said protein.

Claim 43: (new): An isolated protein comprising a polypeptide sequence which is at least 90% identical to the secreted portion of the polypeptide encoded by the HLYEU59 cDNA contained in ATCC Deposit No. 203957.

Claim 44: (new): The isolated protein of claim 43 wherein said polypeptide sequence is at least 90% identical to the complete polypeptide encoded by the HLYEU59 cDNA contained in ATCC Deposit No. 203957.

Claim 45: (new): The isolated protein of claim 43 wherein said polypeptide sequence is at least 95% identical to the secreted portion of the polypeptide encoded by the HLYEU59 cDNA contained in ATCC Deposit No. 203957.

Claim 46: (new): The isolated protein of claim 43 wherein said polypeptide sequence is at least 95% identical to the complete polypeptide encoded by the HLYEU59 cDNA contained in ATCC Deposit No. 203957.

Claim 47: (new): The protein of claim 43 which comprises a heterologous polypeptide sequence.

Claim 48: (new): A composition comprising the protein of claim 43 and a carrier.

Claim 49: (new): An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 43 by a cell; and
- (b) recovering said protein.

Claim 50: (new): An isolated protein comprising at least 30 contiguous amino acid residues of amino acid residues 1 to 43 of SEQ ID NO:764.

Claim 51: (new): The protein of claim 50 which comprises a heterologous polypeptide sequence.

Claim 52: (new): A composition comprising the protein of claim 50 and a carrier.

Claim 53: (new): An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 50 by a cell; and
- (b) recovering said protein.

Claim 54: (new): An isolated protein comprising at least 30 contiguous amino acid residues of the complete polypeptide encoded by the HLYEU59 cDNA contained in ATCC Deposit No. 203957.

Claim 55: (new): The protein of claim 54 which comprises a heterologous polypeptide sequence.

Claim 56: (new): A composition comprising the protein of claim 54 and a carrier.

Claim 57: (new): An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 54 by a cell; and
- (b) recovering said protein.